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		3	United States En Protection /	Vironmental Loeneu	1. EPA IA I	dentification N		2. Fun	ding Location	
***************************************			Washington, I	C 20460		DW-013-925	01801 - 2	by R	egion EPA HQ	
	ACCOUNTS OF THE PARTY.	Int	eragency A	areement/	3. Other Ag	gency IA ID Nur	mber (if known	1 4 8000	rding Office	
			Amendr					IASSC		
1 1	NYZ, 3			7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5. Type of 7	Action	***************************************		***************************************	
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	* sisters.						***	Tanner		
7 Nome and	5 .2 .5							202-56	4-2669 ner@epa.gov	
US Environme	Address of EPA ntal Protection A	Organizatio	on		8. Name an	id Address of C	Other Agency		***************************************	
IASSC East		*			Department	of Commerce-t	Vational Oceani	ic and Atmos	pheric Administratic	
1200 Pennsylvania Avenue, NW Mail c			iil code 3903R		Office of Marine and Aviation Operations (OMAO 8403 Colesville Road, Suite 500			DMAO)		
Washington, D	C 20460				Silver Spring	ville Road, Suite g. MD 20910-6	500			
9. DUNS: 0291	28894	10. B	ETC: DISB	***************************************		***************************************	~		~~~~	
13. Project Tit	le and Descripti	on	***************************************	·····	11. DUNS: 1	\04\08U82		BETC: COLL		
2018 NOAA - C	D Survey Suppo	rd .								
to NOAA cook	e funding to NOA	VA for EPA s	cientists to condu	ct ocean survey:	using NOAA	vessels. NOAA	. Will provide in I	kind the fived	vessel costs, acces	
Technicians, ar	zueu (acultes (e.) 1d Marine Frinins	3., secure pa sers in coost	ciemists to condu Irking and equipm ination with EPA	ent storage, doc	k services), and	d specialized ex	pertise of NOA/	No the fixed	vesser costs, acces Electronic	
Increase Fundi	ng;									
14. EPA Projec	t Officer (Name	, Address, 1	relephone Numb	er)	15 Other A	annor Drainet f	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		***************************************	
14. EPA Project Officer (Name, Address, Telephone Numb Mike Long 1200 Pennsylvania Ave, NW (4504T)				~~,	15. Other Agency Project Officer (Name, Address, Telephoле) Stephen Barry					
Washington, Dr	inia Ave, NVV (45 ~ onacn	i04T))			8403 Colesville Road, Suite 500				
202-566-2139	w.x0400		and the second s			Silver Spring, MD 20910-6333				
E-Mail: long.mi	ke@epa.gov		and the state of t			(301) 713-7890				
FAX: (202) 260					E-Mail: stephen.barry@noaa.gov					
16. Project Per	iod: 10/01/2018	to 09/30/20	23	***************************************	FAX: (301) 713-1541 17. Budget Period: 10/01/2018 to 09/30/2023					
18. Scope of W	ork (See Attach	ment)			17. Budget i	<u> </u>	<u>018 to 09/30/20</u>	323		
Remains the sa			***************************************							
22 Statuton A	ax ID No. 52085	2695	20. CAG	E No: 347A4	***************************************	21. A	LC: 68-01-0727	7	***************************************	
Clean Water Ac	unionly for frame It Sec. 104/6//2):	ISTEFOFFUN Marina Droi	ds and Interagen ection Research :	cy Agreement					r Agency Type	
24. Revise Rein	nhureahla Fund	e and Class	t Fund Cites (onl	sanciuanes Sec	203	***************************************		Federa	Il Agency	
***************************************	**************************************	2 4114 D116C	Previous Fun	y complete if a		00000000000000000000000000000000000000		***************************************		
Revise Reimbu	rsable (in-house	3)	Licking La	ung		his Action		Amend	ed Total	
Direct Fund Cit			***************************************		***************************************	***************************************	0.00		0.00	
Total	~~~		***************************************		***************************************		0.00		0.00	
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£	unds	***************************************	Previous Amo	**************************************	**************************************		~~~~		***************************************	
25. EPA Amoun			\$91,200.00			Amount This Action			Total Amount	
26. EPA In-Kind	Amount	~~~~~	***************************************			\$334,350.51			\$425,550.51	
27. Other Agenc			**************************************			***************************************	ea 00	***************************************	\$0.00	
28. Other Agenc	y In-Kind Amou	nt	\$18,741.60			\$0.00			\$0.00	
29. Total Project	Cost		\$109,941.60			\$334,350.51			\$18,741.60	
30. Fiscal Inform	nation	***************************************	***************************************		***************************************	\$334,	200.01	***************************************	\$444,292.11	
freas, Symbol	DCN	FY	Appropriation	Budget Org	PRC	Ohion Olas	Ø54 n 173			
06820/210108	2087EP0007	2021	8	87DE		Object Class 2506	Site/Project	Cost Org	Ob/De-Ob Amt	
***************************************	000000000000000000000000000000000000000	***************************************	· · · · · · · · · · · · · · · · · · ·		***************************************	2370			334,350.51	
'A Form 1610-1 (Re	v. 11-09). Previous	editions are of	353/8/a	00000000000000000000000000000000000000	***************************************	::::::::::::::::::::::::::::::::::::::		******************************	334,350.51	

PA Form 1610-1 (Rev. 11-09). Previous editions are obsolete.

	Part II - Approved	Budget		W-013-92501801 - 2 Page 2 EPA IAG Identification Number
	• • •			
31. Budget Categories	Itemization of	Itemization of This	In-Kind Itemization of	DW-013-92501801 - 2
(a) Personnel	All Previous Actions	Action	This Action	Itemization of Total Project Cost to Date
10000000000000000000000000000000000000	\$0.00	***************************************		SOC
(b) Fringe Benefits	\$0.00			·
(c) Travel	\$0.00	***************************************		\$0.0
(d) Equipment	\$0.00	***************************************		\$0.0
(e) Supplies	\$0.00	***************************************	······	\$0.0
(f) Procurement / Assistance	\$0.00	***************************************		\$0.0
(g) Construction	\$0.00	***************************************	······································	\$0.0
(h) Other	\$109,941,60	222 A 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		\$0.0
(i) Total Direct Charges	\$109,941.60	\$334,350.51		\$444,292.1
(j) Indirect Costs:	\$0.00	\$334,350.51	\$0.00	\$444,292.1
Charged - Amount	20.00	·····	***************************************	\$0.0
Rate: %				<u> </u>
Base: \$				
Not Charged:				
Funds-Out: Not charged by Other	Agency			
Estimate by other Agen	icy			
Amount \$				
k) Total	\$109,941.60	\$334,350.51	**************************************	······································
EPA Share 82.95 %)		444,444,44	\$0.00	\$444,292.11
Other Agency Share 17.05 %)				
32. How was the IDC Base calcula		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	······································	
33 la anuinmant authurille a l	A			
in administratifications 60 to 06	numished by EPA or lessed	Ourchaeod or south	- 14k 20 94 6 2	
	var.uuu or mmai		with EPA funds? Yes	X No
	var.uuu or mmai			× No
14. Are any of these funds being u	sed on Procure/Assistance :		with EPA funds? : Yes Yes〉, No	X No
14. Are any of these funds being u Type of Procure/Assistance Agree	sed on Procure/Assistance a ment	egreements?	YesX, No	X No
14. Are any of these funds being u	sed on Procure/Assistance a ment		YesX, No	
34. Are any of these funds being u lype of Procure/Assistance Agree Contractor/Recipient Name (if	sed on Procure/Assistance a ment	egreements?	Yes〉, No er This Project	No Percent Funded by EPA (if known)
34. Are any of these funds being u lype of Procure/Assistance Agree Contractor/Recipient Name (if known)	sed on Procure/Assistance a ment	egreements?	Yes>: No er This Project 0.00	
34. Are any of these funds being u type of Procure/Assistance Agree Contractor/Recipient Name (if	sed on Procure/Assistance a ment Total Procure/As	ngreements?	Yes No Pr This Project 0.00 Total \$ 0.00	Percent Funded by EPA (if known)
34. Are any of these funds being u type of Procure/Assistance Agree Contractor/Recipient Name (if known)	sed on Procure/Assistance a ment Total Procure/As Part III - Funding	egreements? sistance Amount Unde	Yes. No or This Project 0.00 Total \$ 0.00 ling instructions	Percent Funded by EPA (if known)
34. Are any of these funds being u lype of Procure/Assistance Agree Contractor/Recipient Name (if known)	sed on Procure/Assistance a ment Total Procure/As Part III - Funding (Note: EPA Agency	sistance Amount Under	Yes No Pr This Project 0.00 Total \$0.00 ling Instructions LC) - 68010727)	Percent Funded by EPA (if known)
34. Are any of these funds being u lype of Procure/Assistance Agree Contractor/Recipient Name (if known)	sed on Procure/Assistance a ment Total Procure/As Part III - Funding (Note: EPA Agency Request for repayment of	sistance Amount Under	Yes No Pr This Project 0.00 Total \$0.00 ling Instructions LC) - 68010727)	Percent Funded by EPA (if known)
34. Are any of these funds being u type of Procure/Assistance Agree Contractor/Recipient Name (if known) 5. Disbursement Agreement	sed on Procure/Assistance ament Total Procure/As Part III - Funding (Note: EPA Agency Request for repayment of Office, Cincinnati, OH 452	agreements? sistance Amount Unde Methods and Bill Location Code (A actual costs must be it 68-7002	Yes No Pr This Project 0.00 Total \$0.00 ling Instructions LC) - 68010727)	Percent Funded by EPA (if known)
34. Are any of these funds being u Type of Procure/Assistance Agree Contractor/Recipient Name (if known)	sed on Procure/Assistance ament Total Procure/As Part III - Funding (Note: EPA Agency Request for repayment of Office, Cincinnati, OH 452	sistance Amount Under Methods and Bill Location Code (A actual costs must be it 68-7002:	Yes No ar This Project 0.00 Total \$ 0.00 ling instructions LC) - 68010727) emized on SF 1080 and st	Percent Funded by EPA (if known) 0 bmitted to the Financial Management
34. Are any of these funds being u type of Procure/Assistance Agree Contractor/Recipient Name (if known) 5. Costing under the contractor of the contractor	sed on Procure/Assistance ament Total Procure/As Part III - Funding (Note: EPA Agency Request for repayment of Office, Cincinnati, OH 452 Monthly Only available for use by	sistance Amount Unde Methods and Bill Location Code (A actual costs must be it 68-7002: Quarterly	Yes No ar This Project 0.00 Total \$ 0.00 ling Instructions LC) - 68010727) emized on SF 1080 and st	Percent Funded by EPA (if known) 0 bmitted to the Financial Management
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5. Oisbursement Agreement Advance	sed on Procure/Assistance ament Total Procure/As Part III - Funding (Note: EPA Agency Request for repayment of Office, Cincinnati, OH 452 Monthly Only available for use by lype of payment method will be forwarded to the Fire Used to transfer obligative.	sistance Amount Under Methods and Bill Location Code (A actual costs must be it 68-7002: Quarterly Federal agencies on wo Unexpended funds at contact and authority or transferences on and authority or transferences on an authority or transferences	Yes No ar This Project 0.00 Total \$ 0.00 ling Instructions LC) - 68010727) emized on SF 1080 and su Upon Computing capital fund or with a completion of work will be resister. EA. Cincinnati. OH	Percent Funded by EPA (if known) O Domitted to the Financial Management letion of Work ppropriate justification of need for this sturned to EPA. Quarterly cost reports 15268-7002.
14. Are any of these funds being u type of Procure/Assistance Agree Contractor/Recipient Name (if known) 5. Costorial Disbursement Agreement Repayment	Part III - Funding (Note: EPA Agency Request for repayment of Office, Cincinnati, OH 452 Monthly Only available for use by I type of payment method, will be forwarded to the Fire Used to transfer obligation approval by the Office of	sistance Amount Under Methods and Bill Location Code (A actual costs must be it 68-7002: Quarterly Federal agencies on wo Unexpended funds at committee at committee and management cases of Committee and Committe	Yes No Total \$ 0.00 Total \$ 0.00 Iing Instructions LC) - 68010727) emized on SF 1080 and st Upon Comp. wiking capital fund or with a completion of work will be resister. EPA. Cincinnati. OH a fer of function between F	Percent Funded by EPA (if known) 0 ibmitted to the Financial Management letion of Work ppropriate justification of need for this sturned to EPA. Quarterly cost reports 15268-7002.
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34. Are any of these funds being u type of Procure/Assistance Agree Contractor/Recipient Name (if known) 5. Colsbursement Agreement Repayment Advance Allocation Transfer-Out	sed on Procure/Assistance ament Total Procure/As Part III - Funding (Note: EPA Agency Request for repayment of Office, Cincinnati, OH 452 Monthly Only available for use by type of payment method, will be forwarded to the Fire Used to transfer obligating approval by the Office of Forward appropriate reportations.	greements? sistance Amount Under Methods and Bill Location Code (A actual costs must be it 68-7002 Quarterly Federal agencies on wo Unexpended funds at conacial Management Ce onal authority or transf Comptroller, Budget D rds to the Financial R an, OC 20460.	Yes No Total \$ 0.00 Total \$ 0.00 Iing Instructions LC) - 68010727) emized on SF 1080 and st Upon Comp. wiking capital fund or with a completion of work will be resister. EPA. Cincinnati. OH a fer of function between F	Percent Funded by EPA (if known) O Domitted to the Financial Management letion of Work ppropriate justification of need for this sturned to EPA. Quarterly cost reports 15268-7002.
Allocation Transfer-Out Reimbursement Agreement Reimbursement Agreement	Part III - Funding (Note: EPA Agency Request for repayment of Office, Cincinnati, OH 452 Monthly Only available for use by I type of payment method will be forwarded to the Fire Used to transfer obligating approval by the Office of Forward appropriate repo	sistance Amount Under Methods and Bill Location Code (A actual costs must be it 68-7002: Quarterly Federal agencies on wo Unexpended funds at commended funds at commended funds at commended Management Casto the Financial Bill Comptroller, Budget Edits to the Financial Bill Bill Bill Bill Bill Bill Bill B	Yes No Total \$ 0.00 Total \$ 0.00 Iing Instructions LC) - 68010727) emized on SF 1080 and st Upon Comp. wiking capital fund or with a completion of work will be resister. EPA. Cincinnati. OH a fer of function between F	Percent Funded by EPA (if known) 0 ibmitted to the Financial Management letion of Work ppropriate justification of need for this sturned to EPA. Quarterly cost reports 15268-7002.
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EPA IAG Identification No.DW-013-92501801 - 2 Page 3 Part IV - Acceptance Conditions **EPA Identification Number** DW-013-92501801 - 2 37. Terms and Conditions, when included, are located at the end of the 1610-1, or as an attachment. Part V - Offer and Acceptance Note: A) For Fund-out actions, the agreement/amendment must be signed by the other agency official in duplicate and one original returned to the Gra and IA Management Division for Headquarters agreements or to the appropriate EPA Regional IA administration office within 3 calendar weeks after receipt within any extension of time that may be granted by EPA. The agreement/amendment must be forwarded to the address cited in item 29 after acceptar Failure to return the properly executed document within the prescribed time may result in the withdrawal of offer by EPA. Any change to 1 agreement/amendment by the other agency after the document is signed by the EPA Award Official, which the Award Official determines to materially all the agreement/amendment, shall void the agreement/amendment. B) For Funds-In actions, the other agency will initiate the action and forward two original agreements/amendments to the appropriate EPA program office signature. The agreements/amendments will then be forwarded to the appropriate EPA IA administration office for signature on behalf of the EPA_EPA_v return one original copy after acceptance returned to the other agency after acceptance. EPA IA Administration Office (for administrative assistance) EPA Program Office (for technical assistance) 38. Organization/Address 39. Organization/Address U.S. Environmental Protection Agency US Environmental Protection Agency **IASSC East** 1200 Pennsylvania Avenue, NW Mail code 3903R OW - Office of Water Washington, DC 20460 1200 Pennsylvania Ave, NW Washington, DC 20460 Award Official on Behalf of the Environment Protection Agency 40. Digital signature applied by EPA Award Official | FOR Tony R. Fournier - Chief Fellowship IA and SEE Branch Date Michelle Barnes - AO delegate 02/11/2020 Authorizing Official on Behalf of the Other Agency 41. Signature Typed Name and Title Date L, ROWINHA RADM Michael J. Silah, Director, OMAO and NOAA Corps; Dana Flower Lake, CFO

Director, OMAO and CFO

EPA Form 1610-1 (Rev. 11-09) Previous editions are obsolete.

2020/02/13